



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D139-799-015
Job Sheet 192289



009140

Part No: D139-799-015

Job Qty: 3 pcs

Part Name: Engine Wash



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 3/20/19

Job Tracking No:

Due Date: 4/19/19

Created By: Marie Lajeunesse

Type: ~~Stock~~ *SOLD*

Description:

Note: IIN-D139-799 REV.O IPP Rev:B 11.07.04 new issue DD verf:JLM IPP REV:B AS PER ECN 11-598 11-06-05
JLM VERF BY:DD IPP Rev:C 11.09.27 PER CHG003 DD verf:EC IPP Rev:D 13.09.24 PER CHG005/ECN13-
579 DD verf:JLM IPP REV:E 16.10.13 AS PER IIN REV.L DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	3 pcs	4/19/19		0.00	0.00	Packaging 1 - 1		APR 30 2019
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S176430



Part: D139-799-015

Job No: 192289

Serial No/Batch: S176430

Revision: 0

Inspector:

Exp Date:

Instructions: FAA STC SR02138SE 18/10/17 TC STC LoA C

					Packaging 1 - 31	
					Packaging 1 - 32	
					Packaging 1 - 33	
					Packaging 1 - 34	
					Packaging 1 - 35	
					Packaging 1 - 36	
120 QC 4	3 pcs	4/19/19	0.00 0.00		QC 4 - 28	
					QC 4 - 58	
					QC 4 - 69	
					QC 4 - 9	DAS 46 APR 30 2019
					QC 4 - 46	9-89
130 Packaging 3-1 - Stock - B4B	3 pcs	4/19/19	0.00 0.00		Packaging 3 - 1 - B4B	DAS 46 APR 30 2019
					Packaging 3 - 2 - B4B	9-89
					Packaging 3 - 3 - B4B	46 APR 30 2019
					Packaging 3 - 4 - B4B	9-89
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
135 DC - 1 - B4B	3 pcs	4/19/19	0.00 0.00		DC - 1 - B4B	DAS 21 MAY 01 2019
					DC - 2 - B4B	9-89
140 QC 21 - FG	3 pcs	4/19/19	0.00 0.00		QC 21 - FG - 21	9-89
					QC 21 - FG - 70	
					QC 21 - SA - 53	MAY 01 2019
Part Op 110 - Pick Kit						
Descriptions: 120 - QC4- 100% Inspect kits for completeness						
130 - Identify and pack for shipping as per PPP D139-799-015 PPP rev: _____						
135 - Document Control - Photocopy bluefile & type labels per PPP D139-799-015 CHG006						
140 - QC21- Final Inspection - Work Order Release						

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3C3A	Bolt	12 Ea (4 ea)	110-Packaging 1 - Pick Kit	5147510
AN3C5A	Bolt	9 Ea (3 ea)	110-Packaging 1 - Pick Kit	5082907
AN526-1032R16	Screw	12 Ea (4 ea)	110-Packaging 1 - Pick Kit	5118341
AN832-6J	Union	6 pcs (2 ea)	110-Packaging 1 - Pick Kit	5156441x1 5167643x5
AN924-6J	Nut	12 Ea (4 ea)	110-Packaging 1 - Pick Kit	5167332x4
CB2000CRA3-28	Stud	9 Ea (3 ea)	110-Packaging 1 - Pick Kit	5131262
CB4022V3CR8	Anchor Nut	9 Ea (3 ea)	110-Packaging 1 - Pick Kit	5160370
CB91	Acrylic Adhesive, 3.5G	6 pcs (2 ea)	110-Packaging 1 - Pick Kit	5140454 (16050)
D4121-1	Hose Assembly	6 pcs (2 ea)	110-Packaging 1 - Pick Kit	5151628
D4121-3	Hose Assembly	3 pcs (1 ea)	110-Packaging 1 - Pick Kit	5124019x1 5151636x2
D4121-5	Hose Assembly	3 pcs (1 ea)	110-Packaging 1 - Pick Kit	5124021x2 5151641
D4131-041	Manifold Assembly	3 pcs (1 ea)	110-Packaging 1 - Pick Kit	5160438x1 5174890x2
D4131-043	Doubler Assembly	3 pcs (1 ea)	110-Packaging 1 - Pick Kit	5149773
D4146-1	Fitting	6 pcs (2 ea)	110-Packaging 1 - Pick Kit	5152202x1 515207
D4182-1	Fitting, Quick Disconnect	6 pcs (2 ea)	110-Packaging 1 - Pick Kit	5157412 x5
D4384-1	Placard	3 pcs (1 ea)	110-Packaging 1 - Pick Kit	5150926
MS21043-3	Nut	30 Ea (10 ea)	110-Packaging 1 - Pick Kit	5149140
MS21919-WDG9	Clamp	27 Ea (9 ea)	110-Packaging 1 - Pick Kit	5123439x1 515162909x16
MS21919WCH16	Clamp	6 Ea (2 ea)	110-Packaging 1 - Pick Kit	5168871
MS21919WCH4	Clamp	6 Ea (2 ea)	110-Packaging 1 - Pick Kit	5106946
MS21919WCH9	Clamp	12 Ea (4 ea)	110-Packaging 1 - Pick Kit	5157408x10 51516445x2
NAS1149C0316R	Washer	18 Ea (6 ea)	110-Packaging 1 - Pick Kit	5143145
NAS1149C0332R	Washer	24 Ea (8 ea)	110-Packaging 1 - Pick Kit	5056031
NAS1149C0932R	Washer	12 Ea (4 ea)	110-Packaging 1 - Pick Kit	5100228
NAS43DD3-80N	Spacer	9 Ea (3 ea)	110-Packaging 1 - Pick Kit	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	AN3C3A	12	492	0
	AN3C5A	9	1,446	0
	AN526-1032R16	12	153	0
	AN832-6J	6	19	0
	AN924-6J	12	4	0
	CB2000CRA3-28	9	34	0
	CB4022V3CR8	9	47	0
	CB91	6	79	0
	D4121-1	6	18	0
	D4121-3	3	14	0
	D4121-5	3	14	0
	D4131-041	3	5	0
	D4131-043	3	7	0
	D4146-1	6	33	0
	D4182-1	6	30	0
	D4384-1	3	25	0
	MS21043-3	30	966	0
	MS21919-WDG9	27	209	0
	MS21919WCH16	6	28	0
	MS21919WCH4	6	38	0
	MS21919WCH9	12	56	0
	NAS1149C0316R	18	151	0
	NAS1149C0332R	24	5,083	0
	NAS1149C0932R	12	93	0
	NAS43DD3-80N	9	61	0

Part Specifications

Specifications could not be found.

Plex 3/20/19 12:50 PM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

Qty -015	Part Number	Description
X	D139-799-015	ENGINE WASH KIT
2	D4121-1	HOSE ASSEMBLY
1	D4121-3	HOSE ASSEMBLY
1	D4121-5	HOSE ASSEMBLY
1	D4131-041	MANIFOLD ASSEMBLY
1	D4131-043	DOUBLER ASSEMBLY
2	D4146-1	FITTING
2	D4182-1	FITTING, QUICK DISCONNECT
1	D4384-1	PLACARD
3	AN3C5A	BOLT (or NAS6603-4)
4	AN3C3A	BOLT
4	AN526-1032R16	SCREW
2	AN832-6J	UNION (or AN837-6J)
4	AN924-6J	NUT
10	MS21043-3	NUT
4	NAS1149C0932R	WASHER (or AN960C916L)
8	NAS1149C0332R	WASHER (or AN960C10L)
6	NAS1149C0316R	WASHER (or AN960C10LL)
3	NAS43DD3-80N	SPACER
9	MS21919WDG09	CLAMP (or AS21919WDG09)
2	MS21919WCH4	CLAMP (or AS21919W CH4)
4	MS21919WCH9	CLAMP (or AS21919W CH9)
2	MS21919WCH16	CLAMP (or AS21919W CH16)
3	CB2000CRA3-28	STUD (or A366A3E30C)
3	CB4022V3CR8	ANCHOR NUT (or AW001TL3A08)
2	CB91	3.5g ACRYLIC ADHESIVE KIT

• COPYRIGHT © 2016 BY DART AEROSPACE USA, INC. •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: 0

Date: 18.01.09

Change Record

PAGE 1 OF 1

Part Number: D139-799-015Description: ENGINE WASH[illegible]